| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------------|---|--------------------|---------------------|---------|------------------|
| S1 | 1 | "20040062468" | US-PGPUB; USPAT | OR | ON | 2005/10/14 20:52 |
| S2 | 14 | biochip and (optic\$6 with fiber) and (fiber near2 (\$6channel groov\$6)) | US-PGPUB; USPAT | OR | ON | 2005/06/16 20:06 |
| S3 | 14 | biochip and (optic\$6 with fiber) and (fiber near2 (\$6channel groov\$6)) and ((method or process) adj2 (making fabricating forming manufacturing)) | US-PGPUB; USPAT | OR | ON | 2005/06/16 20:17 |
| S4 | 7 | "427"/\$.ccls. and (etch\$6 with groov\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/06/16 20:15 |
| S5 | 6 | "427"/\$.ccls. and (etch\$6 with groov\$6 with fiber) and optic\$6 with fiber | US-PGPUB; USPAT | OR | ON | 2005/06/16 20:15 |
| S6 | 6 | S5 and ((method or process) adj2 (making fabricating forming manufacturing)) | US-PGPUB; USPAT | OR | ON | 2005/06/16 20:17 |
| S7 | 0 | ("2004/0062468").URPN. | USPAT | OR | OFF | 2005/10/14 16:57 |
| S8 | 492 | (biochip\$6 (bio\$6 with chip\$6)) and (PCR (plymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 17:26 |
| S9 | 493 | (biochip\$6 (bio\$6 with chip\$6)) and (PCR (plymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 17:28 |
| S10 | 853 | (biochip\$6 (bio\$6 with (chip\$6 substrat\$6))) and (PCR (plymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:22 |
| S11 | 876 | (biochip\$6 (bio\$6 with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 17:30 |

| S12 | 18 | (biochip\$6 (bio\$6 with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (PCR (polymeras\$6 with chain\$6 with react\$6)) with (CE (capill\$6 with electrophores\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 18:03 |
|-----|----|---|--------------------|----|-----|------------------|
| S13 | 53 | (biochip\$6 ((bio\$6 DNA) with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (PCR (polymeras\$6 with chain\$6 with react\$6)) with (CE (capill\$6 with electrophores\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 18:38 |
| S14 | 54 | (biochip\$6 ((bio\$6 DNA) with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (PCR (polymeras\$6 with chain\$6 with react\$6)) with (CE (capill\$6 with electrophore\$6)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:01 |
| S15 | 1 | S14 not S13 | US-PGPUB; USPAT | OR | ON | 2005/10/14 18:42 |
| S16 | 2 | "5498392".pn. "5587128".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:13 |
| S17 | 1 | "5498392".pn. "5587128".pn. and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/14 18:45 |
| S18 | 0 | ("5498392".pn. "5587128".pn.) and (optic\$6 with fiber) | US-PGPUB; USPAT | OR | ON | 2005/10/14 18:45 |
| S19 | 0 | ("2004/0062468").URPN. | USPAT | OR | OFF | 2005/10/14 18:55 |
| S20 | 35 | (biochip\$6 ((bio\$6 DNA) with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (PCR (polymeras\$6 with chain\$6 with react\$6)) with (CE (capill\$6 with electrophore\$6)) and clon\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:07 |

| S21 | 35 | (biochip\$6 ((bio\$6 DNA lab laborat\$5) with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (PCR (polymeras\$6 with chain\$6 with react\$6)) with (CE (capill\$6 with electrophore\$6)) and clon\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:53 |
|-----|----|--|--------------------|----|----|------------------|
| S22 | 1 | "6846638".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:14 |
| S23 | 41 | lagally.in. | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:14 |
| S24 | 4 | lagally.in. and electrophor\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:20 |
| S25 | 2 | lagally.in. and electrophor\$6 and fiber | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:47 |
| S26 | 0 | Woolley.in. and electrophor\$6 and fiber | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:42 |
| S27 | 8 | Woolley.in. and electrophor\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:42 |
| S28 | 2 | Woolley.in. and electrophor\$6 and (\$6guide or \$6guiding) | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:46 |
| S29 | 2 | lagally in. and electrophor\$6 and (\$6guide or \$6guiding) | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:47 |
| S30 | 34 | (biochip\$6 ((bio\$6 DNA lab laborat\$5) with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (PCR (polymeras\$6 with chain\$6 with react\$6)) with (CE (capill\$6 with electrophore\$6)) and clon\$6 and ((light with (\$6guide or \$6guiding)) fiber ((wave with (\$6guide or \$6guiding)) or waveguide)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 19:54 |

| | | | | T | | |
|-----|------|--|--------------------|----|----|------------------|
| S31 | | (biochip\$6 ((bio\$6 DNA lab laborat\$5) with (chip\$6 substrat\$6))) and (PCR (polymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (PCR (polymeras\$6 with chain\$6 with react\$6)) with (CE (capill\$6 with electrophore\$6)) and clon\$6 and ((light with (\$6guide or \$6guiding)) ((wave with (\$6guide or \$6guiding)) or waveguide)) | US-PGPUB; USPAT | OR | ON | 2005/10/14 20:29 |
| S32 | 4791 | ((PCR (polymeras\$6 with chain\$6 with react\$6)) or (CE (capill\$6 with electrophore\$6))) and desorp\$6 | US-PGPUB; USPAT | ÖR | ON | 2005/10/14 20:36 |
| S33 | 629 | ((PCR (polymeras\$6 with chain\$6 with react\$6)) or (CE (capill\$6 with electrophore\$6))) same desorp\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 20:38 |
| S34 | 6 | ((PCR (polymeras\$6 with chain\$6 with react\$6)) same (CE (capill\$6 with electrophore\$6))) same desorp\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 20:38 |
| S35 | 0 | ((PCR (polymeras\$6 with chain\$6 with react\$6)) same (CE (capill\$6 with electrophore\$6))) same desorb\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 20:38 |
| S36 | 158 | ((PCR (polymeras\$6 with chain\$6 with react\$6)) or (CE (capill\$6 with electrophore\$6))) same desorb\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 20:38 |
| S37 | 1 | "20040062468" and IC with control\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/14 20:55 |
| S38 | 1 | "20040062468" and (heat\$6 therm\$6 temperat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:10 |
| S39 | 1 | "20040005582" and (heat\$6 therm\$6 temperat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:07 |
| S40 | 0 | "20040005582" and (insulat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:08 |
| S41 | 1 | "20040005582" and (sampl\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:08 |
| S42 | 1 | "20040062468" and (insulat\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:13 |
| S43 | 1 | "20040062468" and (polyimide Teflon "silicon dioxide" "SiO.sub.2" silicon nitride "Si.sub.3N.sub.4") | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:14 |

| S44 | 1 | "20040005582" and (polyimide Teflon "silicon dioxide" "SiO.sub.2" silicon nitride "Si.sub.3N.sub.4") | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:18 |
|-----|----|---|--------------------|------|----|------------------|
| S45 | 0 | "20040005582" and (Au gold) | US-PGPUB; USPAT | OR | ON | 2005/10/15 07:55 |
| S46 | 1 | "20040062468" and (Au gold) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:19 |
| S47 | 16 | (biochip\$6 (bio\$6 with (chip\$6 substrat\$6))) and (PCR (plymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and (electro\$6 with osmosis\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:25 |
| S48 | 16 | (biochip\$6 (bio\$6 with (chip\$6 substrat\$6))) and (PCR (plymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and ((electro\$6 with osmosis\$6) electrosmosis) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:26 |
| S49 | 42 | (biochip\$6 (bio\$6 with (chip\$6 substrat\$6))) and (PCR (plymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and ((electro\$6 with osmosis\$6) electroosmosis) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:26 |
| S50 | 42 | (biochip\$6 (bio\$6 with (chip\$6 substrat\$6))) and (PCR (plymeras\$6 with chain\$6 with react\$6)) and (clon\$6 sampl\$6 DNA) and (optic\$6 with fiber) and (fiber same (detect\$6 sens\$6)) and ((electro\$6 with (osmosis\$6 \$6osmosis)) electroosmosis) | US-PGPUB; USPAT | OR | ON | 2005/10/14 21:27 |
| S51 | 0 | "20040005582" and (reserv\$6 with chamber) | US-PGPUB; USPAT | OR | ON | 2005/10/15 07:55 |
| S52 | 1 | "20040005582" and (reserv\$6 same chamber) | US-PGPUB; USPAT | OR . | ON | 2005/10/15 07:58 |
| S53 | 1 | "20040005582" and (reserv\$6 same chamber) and sampl\$5 | US-PGPUB; USPAT | OR | ON | 2005/10/15 07:59 |
| S54 | 1 | "20040005582" and (reserv\$6 same chamber) and sampl\$5 and electr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 08:16 |
| S55 | 1 | "20040005582" and ((reserv\$6 port\$5) with sampl\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/15 08:31 |

| S56 | 1 | clon\$6 with sampl\$6 with (desorp\$6 desorb\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/15 08:32 |
|-----|------|--|--------------------|----|----|------------------|
| S57 | 2972 | clon\$6 with sampl\$6 with DNA | USPAT | | | 2005/10/15 08:32 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|--------------------|---------------------|---------|------------------|
| L1 | 2972 | clon\$6 with sampl\$6 with DNA | US-PGPUB; USPAT | OR | ON | 2005/10/15 08:37 |
| L2 | 61 | clon\$6 with sampl\$6 with DNA and biochip\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 08:39 |
| L3 | 1 | "20040005582" and ((reserv\$6 port\$5) with sampl\$6) | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:02 |
| L4 | 1 | biochip\$6 with (PT Cr) with electr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:03 |
| L5 | 0 | biochip\$6 with (PT Cr) with electro\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:03 |
| L6 | 1 | biochip\$6 with (PT Cr) with electric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:04 |
| L7 | 2 | biochip\$6 with (PT Cr chromium platinum) with electric\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:05 |
| L8 | 2 | biochip\$6 with (PT Cr chromium platinum) with electr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:07 |
| L9 | 1 | biochip\$6 with (PT Cr chromium platinum) with resist\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:07 |
| L10 | 1 | biochip\$6 with ("PT/Cr" chromium platinum) with resist\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:07 |
| L11 | 32 | biochip\$6 and (PT Cr chromium platinum) with resist\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:07 |
| L12 | 319 | biochip\$6 and (PT Cr chromium platinum) with electr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:22 |
| L13 | 364 | biochip\$6 and insulat\$6 with electr\$6 | US-PGPUB; USPAT | OR | ON | 2005/10/15 09:22 |